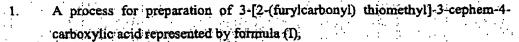
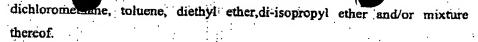
We claim:



(I)

the said process comprising the steps of condensing 7-aminocephalosporanic acid (II) with furyl-2-carbonylthiol (III) in the presence of borontrifluoride at 20-50°C in an organic solvent and isolating the compound of formula (I)

- 2. A process as claimed in claim 1, wherein the condensation feaction is performed at a temperature range of 30% 35°C.
- 3. A process as claimed in claim 1, wherein the reaction mixture of condensation is poured into ice cold water, adjusting the pH of the solution to 3-4 with a base to precipitate the solid.
- 4. A process as claimed in claim 3, wherein the pH of the solution lies/is in the range of 3,45-3.55.
- 5. A process as claimed in claim 2, wherein the solid obtained by precipitation is washed with a mixture of water and organic solvent, drying the solid at a temperature range of 40°-45°C under vacuum.
- 6. A process as claimed in claim 1, wherein furyl-2-carbonylthiol of formula (III) without isolating is used as its solution in an organic solvent selected from a group consisting of ethylacetate, methyl acetate, propyl acetate,



- A process as claimed in claim 1, wherein the organic solvent used in the condensation reaction is selected from a group consisting of ethylacetate, methyl acetate, propyl acetate, dichloromethane, toluene, diethyl ether, disopropyl ether, acetonitrile, acetic acid or mixture thereof, most preferably ethyl acetate.
- A process as claimed in claim 1, wherein the condensing agent borontrifluoride is used in a gaseous form or its solution in an organic solvent selected from ethyl acetate, acetonitrile, methyl acetate, propyl acetate, dichloromethane, toluene, diethyl ether, di-isopropyl ether and/or mixture thereof, most preferably in gaseous form.
- 9. A process as claimed in claim 1, wherein 3-8 moles of borontrifluoride is used with respect to 7-aminocephalosporanic acid, the preferred molar ratio being 4.5:1
- 10. A process as claimed in claim 3, wherein the base used is selected from a group consisting of ammonium hydroxide, sodium hydroxide, or sodium carbonate and most preferably ammonium hydroxide.
- 11. A process as claimed in claim 5, wherein the organic solvent used for washing the final product is selected from a group consisting of acetonitrite; ethylacetate, acetone, methyl acetate, propyl acetate, dichloromethane, toluene, diethyl ether, di-isopropyl ether and/or mixture thereof.